The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1.   (Currently Amended)   A method for data exchange between a computed tomograph and an injector, the method comprising:

mutually exchanging data between the computed tomograph and [[an]] the injector via a data interface, the data relating to their respective operating states of the computed tomograph and the injector, via a data interface;

transmitting a malfunction[[,]] occurring during operation[[,]] of one of the computed tomograph and [[an]] the injector to [[the]] an other of the computed tomograph and [[an]] the injector, the malfunction being caused by failure of the injector; and

automatically determining, making a decision using a termination rule, upon transmitting the malfunction, as to whether to terminate operation of the other of the computed tomograph and [[an]] the injector based on an injected quantity of contrast agent at the time of the malfunctionis expedient.

2.   (Currently Amended)   The method as claimed in claim 1, wherein the data from transmitted by one of the computed tomograph and [[an]] the injector is used as a basis to control the operation of the other of the computed tomograph and [[an]] the injector.

3.   (Currently Amended)   The method as claimed in claim 1, wherein before starting to operate one of the computed tomograph and [[an]] the injector, [[the]] an operational readiness of the other of the computed tomograph and [[an]] the injector is checked.

4.   (Currently Amended)   The method as claimed in claim 3, wherein the start of the operation of one of the computed tomograph and [[an]] the injector is automatically suppressed if the other of the computed tomograph and [[an]] the injector is not operationally ready.

5.   (Currently Amended)   The method as claimed in claim 1, wherein decision parameters are provided for the termination rule, and values for the decision parameters being including at least one of:

[[-]]   being adopted automatically from [[the]] operational data of at least one of the computed tomograph and [[an]] the injector,

[[-]]   being input manually before the start of the operation,

[[-]]   being determined in an organ-specific fashion taking account of an organ to be examined,

[[-]]   being determined in a patient-specific fashion and input, and

[[-]]   being determined with the aid of the protocol characterizing the carrying out of at least one of [[the]] a scanning operation and [[the]] an injection.

6.   (Currently Amended)   The method as claimed in claim 1, wherein current operational data of one of the computed tomograph and [[an]] the injector are

displayed on a display element at the other of the computed tomograph and [[an]] the injector.

7.   (Currently Amended)   The method as claimed in claim 1, wherein one of the computed tomograph and [[an]] the injector is provided with a common operating console with the aid of which it is also possible to drive the other of the computed tomograph and [[an]] the injector.

8.   (Currently Amended)   The method as claimed in claim 1, wherein the data interface is standardized for the data exchange between the computed tomograph and [[an]] the injector.

9.   (Currently Amended)   The method as claimed in claim 1, wherein after the carrying out of at least one of [[the]] a scanning operation and [[the]] an injection, a specific data protocol of one of the computed tomograph and [[an]] the injector is transmitted to the other of the computed tomograph and [[an]] the injector.

10.   (Currently Amended)   An apparatus comprising:

a computed tomograph; and

an injector, the computed tomograph and the injector being designed via a data interface for configured to,

mutually exchange exchanging data relating to an their operating states of state to the respective other of the computed tomograph and [[an]] the injector,

transmit [[and]] a malfunction[[,]] occurring during the operation[[,]] of one of the computed tomograph and [[an]] the injector, being transmitted to [[the]] an other of the computed tomograph and [[an]] the injector, the malfunction being caused by failure of the injector, and wherein the computed tomograph and an injector are further designed in such a way that in the presence of the malfunction, a decision is made automatically with the aid of a termination rule, as to whether the further operation of the other of the computed tomograph and an injector is expedient

automatically determine, making a decision using a termination rule, upon transmitting the malfunction, as to whether to terminate operation of the other of the computed tomograph and [[an]] the injector based on an injected quantity of contrast agent at the time of the malfunctionis expedient.

11.   (Currently Amended)   The method as claimed in claim 2, wherein decision parameters are provided for the termination rule, and values for the decision parameters being including at least one of:

[[-]]   being adopted automatically from [[the]] operational data of at least one of the computed tomograph and an injector,

[[-]]   being input manually before the start of the operation,

[[-]]   being determined in an organ-specific fashion taking account of an organ to be examined,

[[-]]   being determined in a patient-specific fashion and input, and

[[-]]   being determined with the aid of the protocol characterizing the carrying out of at least one of [[the]] a scanning operation and [[the]] an injection.

12.   (Currently Amended)   The method as claimed in claim 3, wherein decision parameters are provided for the termination rule, and values for the decision parameters being including at least one of:

[[-]]   being adopted automatically from [[the]] operational data of at least one of the computed tomograph and an injector,

[[-]]   being input manually before the start of the operation,

[[-]]   being determined in an organ-specific fashion taking account of an organ to be examined,

[[-]]   being determined in a patient-specific fashion and input, and

[[-]]   being determined with the aid of the protocol characterizing the carrying out of at least one of [[the]] a scanning operation and [[the]] an injection.

13.   (Currently Amended)   The method as claimed in claim 4, wherein decision parameters are provided for the termination rule, and values for the decision parameters being including at least one of:

[[-]]   being adopted automatically from [[the]] operational data of at least one of the computed tomograph and an injector,

[[-]]   being input manually before the start of the operation,

[[-]]   being determined in an organ-specific fashion taking account of an organ to be examined,

[[-]]   being determined in a patient-specific fashion and input, and

[[-]]   being determined with the aid of the protocol characterizing the carrying out of at least one of [[the]] a scanning operation and [[the]] an injection.

14.   (Currently Amended)   The method as claimed in claim 2, wherein current operational data of one of the computed tomograph and [[an]] the injector are displayed on a display element at the other of the computed tomograph and [[an]] the injector.

15.   (Currently Amended)   The method as claimed in claim 2, wherein one of the computed tomograph and [[an]] the injector is provided with a common operating console with the aid of which it is also possible to drive the other of the computed tomograph and [[an]] the injector.

16.   (Currently Amended)   The method as claimed in claim 2, wherein the data interface is standardized for the data exchange between the computed tomograph and [[an]] the injector.

17.   (Currently Amended)   The method as claimed in claim 2, wherein after the carrying out of at least one of [[the]] a scanning operation and [[the]] an injection, a specific data protocol of one of the computed tomograph and [[an]] the injector is transmitted to the other of the computed tomograph and [[an]] the injector.

18.   (Currently Amended)   An apparatus for data exchange between a computed tomograph and an injector, comprising:

        means for mutually exchanging data between the computed tomograph and [[an]] the injector via a data interface, the data relating to their respective operating states of the computed tomograph and the injector, via a data interface;

means for transmitting a malfunction[[,]] occurring during operation[[,]] of one of the computed tomograph and [[an]] the injector to [[the]] an other of the computed tomograph and the injector, the malfunction being caused by failure of the injector; and

means for automatically determining, ~~making a decision~~ using a termination rule, ~~upon transmitting the malfunction, as to~~ whether to terminate operation of the other of the computed tomograph and [[an]] the injector ~~is expedient~~ based on an injected quantity of contrast agent at the time of the malfunction.

19.   (Currently Amended)   The apparatus as claimed in claim 18, wherein the data from ~~transmitted by~~ one of the computed tomograph and [[an]] the injector is used as a basis to control the operation of the other of the computed tomograph and [[an]] the injector.

20.   (Currently Amended)   The apparatus as claimed in claim 18, wherein before starting to operate one of the computed tomograph and [[an]] the injector, [[the]] an operational readiness of the other of the computed tomograph and [[an]] the injector is checked.

21.   (Currently Amended)   The apparatus as claimed in claim 20, wherein the start of the operation of one of the computed tomograph and [[an]] the injector is automatically suppressed if the other of the computed tomograph and [[an]] the injector is not operationally ready.